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**Subject:** Hurricanes Irma and Maria Management Report for November 29th  
**Date:** Wednesday, November 29, 2017 3:21:24 PM  
**Attachments:** [pastedImage.png](#)  
[Irma and Maria Management Report 11-29 Final.pdf](#)

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Good afternoon,

Please find attached the Irma/Maria Management Report for today, November 29th. Note: To avoid text that may run off of the page, select "Landscape" layout prior to printing report.

Thank you,  
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**November 29, 2017 1615 EDT**

## **HURRICANES IRMA AND MARIA MANAGEMENT REPORT**

*Information contained in this report reflects HQ and regional reporting from the most recently completed operational period as well as other reports provided by HQ, regional and interagency sources.*

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### **Executive Summary**

#### **Region 2**

- Power remains out for about 70-75% of the residents of Puerto Rico (PR) and The U.S. Virgin Islands (USVI). USVI anticipates restoration of power to 90% of clients by the end of December 2017. PR Governor Rossello has set a goal for end of December for PR as well, but the United States Army Corps of Engineers (USACE) doubts this schedule can be met. USACE considers 75% restoration by late January a more likely time-frame.
- The Puerto Rico Electric Power Authority (PREPA) reports that 44% of its facilities are without power generation capacity in PR.
- In PR, about **8%** of the population is still not receiving drinking water through the utility system. Comparable data for the USVI is not available, but the population is reportedly being provided with adequate supplies of drinking water.
- In PR, **8%** of the sewage treatment plants are still not operational. Numerous raw sewage discharges entered waterways upstream of drinking water intakes. EPA, the Centers for

Disease Control (CDC), and PR Department of Health (DOH) advised residents not to bathe in surface waters.

- The United States Army Corps of Engineers (USACE) reports that vegetative debris burn operations on Saint Croix (STX) are likely to start on December 9<sup>th</sup> and on December 7<sup>th</sup> in Saint Thomas (STT). Per the Governor's direction no incineration of vegetative debris will occur on Saint John (STJ). PR's Environmental Quality Board (PR EQB) is considering a pilot program for the use of an air burner for vegetative debris disposal.
- EPA continues to coordinate with the FEMA, USACE, the Commonwealth of PR, and other partners on field operations, assessment of fixed facilities, debris management, drinking water infrastructure, and data management. EPA is coordinating with USCG for Marine Branch operations and hazardous material related to sunken vessel recovery. EPA performed data management of vessel records.

*[Region 4 reports only on Tuesdays. This information is current as of November 28th]*

#### **Region 4**

- To date, EPA Region 4 has recovered 130 vessels in the Marathon Key area and transported them to Florida Fish and Wildlife Commission (FWC) staging areas. EPA estimates that 27 vessels remain to be addressed within EPA's area of responsibility (AOR). Currently, EPA vessel recovery operations are limited to private canals in Sector Key West. Operations in the remainder of the State are USCG-lead.